

## RESUME

**Name : RUPPAVALLI MEENA VENKATESAN**  
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**Mobile : +918667818036**



### CAREER OBJECTIVE

To work in dynamic professional environment with a growing organization and utilize my skills, knowledge and creativity for the growth of organization and myself

### EDUCATIONAL QUALIFICATION

Qualification	Name of the Institute	Year of passing	Percentage
Ph.D. Agri., (Plant Pathology)	Tamil Nadu Agricultural University, Coimbatore	2022	87.5%
M.Sc. Agri.,(Plant Pathology)	Tamil Nadu Agricultural University, Coimbatore	2019	89%
B.Sc.,(Agri.)	Annamalai University, Chidambaram	2017	87.7%
ICAR-NET-2019/01201	Qualified the National Eligibility Test conducted by ASRB	10-1-2020	55.78%

### AWARDS AND HONOURS

- Prof. M.J. Narasimhan Merit Academic Award** from Indian Phytopathological Society, South Zone - 2023
- Young Women Scientist Award** on 3<sup>rd</sup> International conference - IAAHAS 2023 for “Innovative approaches in Agriculture, Horticulture and allied sciences” which was held on March 29-31, 2023
- Awarded **MITCAS- SICI (Indo – Canadian fellowship)** to work in Dalhousie University, Canada for 2020-2021
- PR Verma award paper for M.Sc. students** – Winner 2019 for doing best M.Sc. research work from ISMPP (Indian society of Mycology and Plant Pathology)
- Participated in the ISMPP 41st Annual Conference and National E-Symposium on Innovative Approaches in Plant Health Management and received **second place for best poster** on “Encapsulating the crude metabolite of *Chaetomium globosum* through electrospun nanofiber formulation for the management of late blight of potato,” which was held on the 28th and 30th of January 2021.
- Participated and won **first place for best paper** prize in the 6th national conference on Agricultural Scientific Tamil, held on December 22, 2020

## TECHNICAL SKILLS / CONFERENCES

- MITACS - SICI fellowship intern as a PhD research work on “**Proteomic approach to understand the tripartite interaction of *Coniothyrium minitans* against *Sclerotinia sclerotiorum* that causes stem rot of canola**” in Dalhousie University in Truro, Nova Scotia, Canada
- On the 2nd of July 2021, I attended a national webinar hosted by DBT – North East Centre for Agricultural Biotechnology on Microbial Biopesticides: Next Generation Preparedness.
- On the 28th of June, 2021, I participated in an international webinar on "The slime moulds: paradigm shifts from the nineteenth century to now," hosted by the Department of Botany in collaboration with MSIM.
- Participated in the Indian Phytopathological Society's National Symposium (Virtual) on Advances in Crop Health Management on December 1-2, 2020, and presented a paper titled "*In-vitro* screening and metabolomic analysis of efficient *Chaetomium globosum* against late blight of potato."
- On November 05, 2020, I attended a national webinar on “Soil borne plant diseases – Management with an emphasis on biocontrol agents” hosted by Dr. YSRHU's College of Horticulture.
- Worked on M.Sc., research work entitled on “Development of *Chaetomium* based bioformulation for the management of late blight of potato”
- In the “National symposium on cutting edge ways for sustainable plant disease management and assuring farmer's profit” hosted by IPS south zone, I participated and presented a poster titled “Isolation and characterization of *Pythium ultimum* causing damping-off of brinjal.”
- Participated in the National seminar on “Fungal diversity conservation and exploration of Myco-molecules”
- Participated in the 10<sup>th</sup> workshop on “Scientific writing skills”
- Paper presented entitled on “Parthenium weed compost” and “weed management” in “National seminar on organic farming and sustainable agriculture”
- Participated and exhibited “Nutmeg Desheller” in the extension event “Dissemination and social decisions of innovation for business development competition cum exhibition.
- Participated in UGC sponsored sensitization programme on “Women’s rights”

## Research article

- **Ruppavalli M. Venkatesan**, Karthikeyan Muthusamy, Johnson Iruthayasamy, Balakrishnan Prithiviraj, Parthiban V. Kumaresan, Pugalendhi Lakshmanan and Irene Vethamoni Perianadar (2023). First Report of *Clonostachys rosea* as a Mycoparasite on *Sclerotinia sclerotiorum* Causing Head Rot of Cabbage in India. *Plants* **2023**, 12(1), 199; <https://doi.org/10.3390/plants12010199>
- **Ruppavalli, M.V.**, Johnson, I., Karthikeyan, M., Parthiban, V.K. and Arul, L. (2022). Virulence Assay and Morphomolecular Characterization of *Sclerotinia sclerotiorum*-The

Cabbage Head Rot Pathogen. *Agricultural Science Digest*. DOI: 10.18805/ag.D-5681.

- Ruppavalli, M.V**, Muthamilan, M, Nakkeeran, S and Subramanian, K.S. “Phenotypic and Molecular Characterization of *Chaetomium globosum* (Gustav Kunze) from Different Microhabitats of Tamil Nadu, India”. *Int.J.Curr. Microbio. App.Sci.* (2019) 8 (6): 1496-1506. <https://doi.org/10.20546/ijcmas.2019.806.180>
- Ruppavalli, M.V**, Muthamilan, M, and Nakkeeran, S. Development of Electrospin Nano Fiber formulation of *Chaetomium globosum* against *Phytophthora infestans*. *J Mycol Pl Pathol*, Vol, 51, No. 1, 2021

## RESEARCH EXPERTISE

- Molecular Plant Pathology – DNA, RNA extraction, GCMS analysis, SEM, TEM
- Developed a novel nano based bioformulation for the management of late blight of potato
- First reported *Coniothyrium minitans* – a sclerotial mycoparasite for the first time in India
- Isolated more than 33 mycoparasites associated with the sclerotial pathogen
- Endophytes isolation
- Isolated more than 50 *Chaetomium globosum* from different microhabitats of Tamil Nadu
- Conducted an qPCR experiment in Canola for the management of canola stem rot in Nova Scotia, Canada
- Molecular docking
- Novel drug discovery using bioinformatics tools

## SCHOLASTIC RECORD AND EXTRA CURRICULAR ACTIVITIES

- Graduated with a PG Diploma degree in Ornamental and Landscape Gardening
- Graduated with a Diploma degree in Livestock Product and Poultry Technology
- Graduated with a Diploma degree in Agri-Business Management
- Being a batch representative for the past 6 years (UG and PG)
- RAWE (Rural Awareness Work Experience) Program (45 days).
- Underwent Industrial Tie-up programme (90 days).
- Participated in NSS at college level


## PERSONAL DETAILS

Name : RUPPAVALLI MEENA VENKATESAN  
Father's Name : N.Venkatesan  
Mother's Name : R. Meena  
Address : 3/259-D, Lakshmi nagar, Near gaythri matri hr.sec.school,  
Sithanoor, Salem - 636302  
Date of Birth : 20/06/1996

Age : 27  
Gender : Female  
Marital status : Unmarried  
Nationality : Indian  
Blood Group : O<sup>+ve</sup>  
Mother Tongue : Tamil  
Languages : English, Tamil, Telugu  
Strength : Optimistic, Good Interpersonal skill,  
self- motivated, authentic thought  
Interest : Pathology research work  
Hobbies : Singing, painting, reading books

## DECLARATION

I hereby declare that the above information provided by me is correct to the best of my knowledge, and that I am responsible for the accuracy of the information provided



Date : 04.12.2023  
Place : Tamil Nadu, India

RUPPAVALLI MEENA VENKATESAN